

Title (en)

METHOD FOR PRODUCING POROUS BODY AND METHOD FOR PRODUCING HONEYCOMB FILTER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES PORÖSEN KÖRPERS UND VERFAHREN ZUR HERSTELLUNG EINES WABENFILTERS

Title (fr)

PROCÉDÉ DE PRODUCTION DE CORPS POREUX ET PROCÉDÉ DE PRODUCTION DE FILTRE EN NID D'ABEILLES

Publication

EP 3053900 B1 20170412 (EN)

Application

EP 16161325 A 20150325

Priority

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- JP 2015054365 A 20150318
- EP 15160895 A 20150325

Abstract (en)

[origin: EP2924017A2] A porous body constituting a porous partition wall 44 of a honeycomb filter 30 has a porosity P of 20% to 60%, a permeability k of 1 μm^2 or more and satisfies $k \neq 0.2823P - 10.404$. The porous body is obtained by a method for producing, for example, includes (a) a step of acquiring porous body data representing a temporary porous body having porosity higher than target porosity, (b) a step of deriving information about a flow rate for each space voxel during passage of a fluid through inside of the porous body, (c) a step of preferentially replacing the voxel having a low flow rate among the space voxels with the object voxel, and adjusting the porosity of the porous body data to the target porosity, and (d) a step of forming a porous body based on the porous body data after replacement.

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

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